

09/046833

attachment to
Paper # 4

FILE 'USPAT' ENTERED AT 13:45:32 ON 04 JUN 1998

* WELCOME TO THE *
* U. S. PATENT TEXT FILE *

=> s packaging cell?

74662 PACKAGING
372122 CELL?
L1 256 PACKAGING CELL?
(PACKAGING(W) CELL?)

=> s l1 and integr?

718333 INTEGR?
L2 194 L1 AND INTEGR?

=> s l2 and viral vector?

14281 VIRAL
66390 VECTOR?
1067 VIRAL VECTOR?
(VIRAL(W)VECTOR?)
L3 104 L2 AND VIRAL VECTOR?

=> d l3,1-104,cit

1. 5,756,684, May 26, 1998, Cloning and expression of PUR protein; Edward M. Johnson, et al., 530/388.21; 435/69.1, 69.7, 172.1 [IMAGE AVAILABLE]
2. 5,756,671, May 26, 1998, CDC37 cell-cycle regulatory protein, and uses related thereto; Jeno Gyuris, et al., 530/350, 300 [IMAGE AVAILABLE]
3. 5,753,500, May 19, 1998, Helper-free stocks of recombinant adeno-associated virus vectors; Thomas E. Shenk, et al., 435/320.1, 172.3, 235.1; 935/32 [IMAGE AVAILABLE]
4. 5,753,499, May 19, 1998, **Viral vector** complexes having adapters of predefined valence; Daniel Meruelo, et al., 435/320.1, 172.3; 514/44 [IMAGE AVAILABLE]
5. 5,750,396, May 12, 1998, Stable virus **packaging cell** lines; Yanping Yang, et al., 435/357, 320.1, 366; 536/23.72, 24.1 [IMAGE AVAILABLE]
6. 5,750,370, May 12, 1998, Nucleic acid encoding human endothelin-bombesin receptor and method of producing the receptor; Yi Li, et al., 435/69.1, 6, 252.3, 320.1, 335; 436/501; 530/350; 536/23.1, 23.5; 935/52 [IMAGE AVAILABLE]
7. 5,750,367, May 12, 1998, Human and mouse very low density lipoprotein receptors and methods for use of such receptors; Lawrence C. B. Chan, 435/69.1, 69.6, 70.1, 70.3, 71.1, 243, 320.1, 325, 410; 536/23.1, 23.5, 24.1; 935/22, 33 [IMAGE AVAILABLE]

8. 5,747,659, May 5, 1998, Fusion gene products encoding avian alpha subunit inhibin protein, or an immunogenic fragment thereof, and a carrier protein; William C. Fioretti, et al., 536/23.4; 435/69.4, 69.7, 172.3, 252.3, 320.1, 325; 536/23.51 [IMAGE AVAILABLE]
9. 5,747,469, May 5, 1998, Methods and compositions comprising DNA damaging agents and p53; Jack A. Roth, et al., 514/44; 435/172.3, 320.1; 514/2 [IMAGE AVAILABLE]
10. 5,747,292, May 5, 1998, Chimeric cytokine receptors in lymphocytes; Philip D. Greenberg, et al., 435/69.7, 252.3, 320.1; 530/350; 536/23.4 [IMAGE AVAILABLE]
11. 5,747,280, May 5, 1998, Human vascular IBP-like growth factor; Gregg A. Hastings, et al., 435/69.1, 252.3, 320.1, 325; 536/23.5 [IMAGE AVAILABLE]
12. 5,744,343, Apr. 28, 1998, Ubiquitin conjugating enzymes; Giulio Draetta, et al., 435/193, 252.3, 254.11, 320.1, 325; 536/23.2, 23.4 [IMAGE AVAILABLE]
13. 5,739,018, Apr. 14, 1998, **Packaging cell** lines for pseudotyped retroviral vectors; Atsushi Miyano-hara, et al., 435/172.3, 320.1, 325 [IMAGE AVAILABLE]
14. 5,738,852, Apr. 14, 1998, Methods of enhancing antigen-specific T cell responses; William S. Robinson, et al., 424/199.1, 93.2, 278.1; 435/320.1; 514/44 [IMAGE AVAILABLE]
15. 5,736,388, Apr. 7, 1998, Bacteriophage-mediated gene transfer systems capable of transfecting eukaryotic cells; Sunil Chada, et al., 435/320.1; 424/93.6; 435/172.3, 235.1; 514/44 [IMAGE AVAILABLE]
16. 5,733,748, Mar. 31, 1998, Colon specific genes and proteins; Guo-Liang Yu, et al., 435/70.1, 252.3, 320.1, 325; 536/22.1, 23.5 [IMAGE AVAILABLE]
17. 5,731,182, Mar. 24, 1998, Non-mammalian DNA virus to express an exogenous gene in a mammalian cell; Frederick M. Boyce, 435/183, 69.1, 70.1, 320.1 [IMAGE AVAILABLE]
18. 5,726,036, Mar. 10, 1998, Granulocyte-macrophage colony-stimulating factor receptor and derivatives thereof; Nicos Anthony Nicola, et al., 435/69.1, 252.3, 320.1; 536/23.5, 24.3 [IMAGE AVAILABLE]
19. 5,725,858, Mar. 10, 1998, Methods of enhancing production performance of birds comprising administration of heterologous protein comprising avian alpha-subunit inhibin protein; William C. Fioretti, et al., 424/192.1, 184.1, 185.1, 193.1, 195.11, 198.1; 514/2, 8, 12 [IMAGE AVAILABLE]
20. 5,723,581, Mar. 3, 1998, Murine and human box-dependent myc-interacting protein (Bin1); George C. Prendergast, et al., 530/350, 827, 828 [IMAGE AVAILABLE]
21. 5,723,333, Mar. 3, 1998, Human pancreatic cell lines: developments and uses; Fred Levine, et al., 435/325, 320.1, 377, 378 [IMAGE AVAILABLE]
22. 5,723,287, Mar. 3, 1998, Recombinant viruses displaying a nonviral polypeptide on their external surface; Stephen J. Russell, et al., 435/5, 6, 235.1; 536/23.4, 23.72 [IMAGE AVAILABLE]
23. 5,716,832, Feb. 10, 1998, **Packaging cells**; Jack R. Barber, et al., 435/172.3, 325 [IMAGE AVAILABLE]

24. 5,716,826, Feb. 10, 1998, Recombinant retroviruses; Harry E. Gruber, et al., 435/320.1; 536/23.5, 23.72 [IMAGE AVAILABLE]
25. 5,716,613, Feb. 10, 1998, Recombinant retroviruses; Harry E. Guber, et al., 424/93.2; 435/320.1 [IMAGE AVAILABLE]
26. 5,710,037, Jan. 20, 1998, Retroviral vector particles; Elio F. Vanin, et al., 435/325; 424/93.2, 93.21; 435/320.1, 363, 366, 372; 536/23.72, 24.1 [IMAGE AVAILABLE]
27. 5,707,969, Jan. 13, 1998, Treatment of diseases by site-specific instillation of cells or site-specific transformation of cells and kits therefor; Elizabeth G. Nabel, et al., 514/44; 435/6, 69.1, 172.3, 320.1; 935/34, 54, 55, 62, 65, 71 [IMAGE AVAILABLE]
28. 5,707,618, Jan. 13, 1998, Adenovirus vectors for gene therapy; Donna Armentano, et al., 424/93.21, 93.2; 435/172.3, 320.1; 514/44 [IMAGE AVAILABLE]
29. 5,705,380, Jan. 6, 1998, Identification of a gene encoding TULP2, a retina specific protein; Michael North, et al., 435/6, 91.2, 320.1; 536/23.1, 23.5, 24.3, 24.31, 24.33; 935/6, 8, 77, 78 [IMAGE AVAILABLE]
30. 5,698,531, Dec. 16, 1997, Treatment of diseases by site-specific instillation of cells or site-specific transformation of cells and kits therefor; Elizabeth G. Nabel, et al., 514/44; 435/6, 69.1, 172.3, 320.1; 935/34, 54, 55, 62, 65, 71 [IMAGE AVAILABLE]
31. 5,698,446, Dec. 16, 1997, Methods and compositions for inhibiting production of replication competent virus; Wolfgang M. Klump, et al., 435/350, 320.1, 366 [IMAGE AVAILABLE]
32. 5,698,443, Dec. 16, 1997, Tissue specific **viral vectors**; Daniel Robert Henderson, et al., 435/320.1; 424/93.21; 435/172.3, 252.3; 514/2, 44 [IMAGE AVAILABLE]
33. 5,693,508, Dec. 2, 1997, Retroviral expression vectors containing MoMLV/CMV-IE/HIV-TAR chimeric long terminal repeats; Lung-Ji Chang, 435/172.3, 69.1, 320.1; 536/24.1 [IMAGE AVAILABLE]
34. 5,691,306, Nov. 25, 1997, Methods of detection and treatment of protein trafficking disorders and increasing secretory protein production; John J. M. Bergeron, et al., 514/11; 435/70.1 [IMAGE AVAILABLE]
35. 5,691,177, Nov. 25, 1997, Recombinant retroviruses expressing a protein that converts a pro-drug into a cytotoxic agent; Harry E. Guber, et al., 435/172.3, 69.1, 372 [IMAGE AVAILABLE]
36. 5,691,156, Nov. 25, 1997, Method of inhibiting cell growth with the P.sub.2U receptor; Richard C. Boucher, et al., 435/7.21, 69.1, 320.1, 325, 352, 363; 536/23.5 [IMAGE AVAILABLE]
37. 5,688,773, Nov. 18, 1997, Method of selectively destroying neoplastic cells; E. Antonio Chiocca, et al., 514/44; 424/93.1, 93.21; 435/172.3, 320.1 [IMAGE AVAILABLE]
38. 5,686,598, Nov. 11, 1997, Genes associated with retinal dystrophies; Michael North, et al., 536/23.5 [IMAGE AVAILABLE]
39. 5,686,279, Nov. 11, 1997, Method for production of high titer virus and high efficiency retroviral mediated transduction of mammalian cells; Mitchell H. Finer, et al., 435/172.3, 320.1, 325, 366, 369 [IMAGE AVAILABLE]

40. 5,681,746, Oct. 2, 1997, Retroviral delivery of 1 length factor VIII; Mordechai Bodner, et al., 435/350, 320.1, 366, 371, 536/23.5 [IMAGE AVAILABLE]
41. 5,672,686, Sep. 30, 1997, Bcl-Y - specific antibodies; Thomas D. Chittenden, 530/387.9, 388.2, 389.1, 391.3 [IMAGE AVAILABLE]
42. 5,672,508, Sep. 30, 1997, Inhibitors of cell-cycle progression, and uses related thereto; Jeno Gyuris, et al., 435/320.1; 536/23.4, 23.5 [IMAGE AVAILABLE]
43. 5,672,494, Sep. 30, 1997, Methods of increasing rates of infection by directing motion of vectors; Bernhard .O slashed.. Palsson, et al., 435/172.3 [IMAGE AVAILABLE]
44. 5,672,479, Sep. 30, 1997, Methods for identifying compounds that bind to PUR protein; Edward M. Johnson, et al., 435/7.1, 7.23, 7.71, 7.93; 530/300, 358; 935/39, 41 [IMAGE AVAILABLE]
45. 5,672,344, Sep. 30, 1997, Viral-mediated gene transfer system; William N. Kelley, et al., 424/93.2, 93.6; 435/172.3, 320.1, 368 [IMAGE AVAILABLE]
46. 5,670,488, Sep. 23, 1997, Adenovirus vector for gene therapy; Richard J. Gregory, et al., 514/44; 424/93.2; 435/320.1; 935/62 [IMAGE AVAILABLE]
47. 5,670,361, Sep. 23, 1997, HIV-specific ribozymes; Flossie Wong-Staal, et al., 435/354, 320.1, 357, 363, 366, 372, 372.3; 536/23.1 [IMAGE AVAILABLE]
48. 5,670,354, Sep. 23, 1997, Use of VSV-G pseudotyped vectors for transfer of genes into embryos; Jane C. Burns, et al., 435/172.3, 320.1; 800/2 [IMAGE AVAILABLE]
49. 5,670,347, Sep. 23, 1997, Peptide-mediated gene transfer; T. Venkat Gopal, 435/172.1, 172.3, 320.1; 935/55 [IMAGE AVAILABLE]
50. 5,665,577, Sep. 9, 1997, Vectors containing HIV packaging sequences, packaging defective HIV vectors, and uses thereof; Joseph G. Sodroski, et al., 435/172.3; 424/93.2; 435/236, 320.1, 325, 358, 362, 364, 367, 372 [IMAGE AVAILABLE]
51. 5,665,550, Sep. 9, 1997, Genes and genetic elements associated with sensitivity to chemotherapeutic drugs; Igor B. Roninson, et al., 435/6, 69.1, 91.41, 172.3, 252.33, 325, 357, 367, 372; 536/23.1, 23.4, 24.5 [IMAGE AVAILABLE]
52. 5,662,896, Sep. 2, 1997, Compositions and methods for cancer immunotherapy; Jack R. Barber, et al., 424/93.2, 93.1; 435/320.1; 514/44 [IMAGE AVAILABLE]
53. 5,658,565, Aug. 19, 1997, Inducible nitric oxide synthase gene for treatment of disease; Timothy R. Billiar, et al., 424/93.21, 93.1, 93.2; 435/172.3, 189, 191, 235.1, 320.1; 514/44; 536/23.1, 23.2, 23.5; 935/9, 22, 32, 60 [IMAGE AVAILABLE]
54. 5,656,438, Aug. 12, 1997, CAIP-like gene family; Yen-Ming Hsu, 435/7.1, 7.2; 530/387.9, 388.73, 388.75 [IMAGE AVAILABLE]
55. 5,652,224, Jul. 29, 1997, Methods and compositions for gene therapy for the treatment of defects in lipoprotein metabolism; James M. Wilson, et al., 514/44; 424/93.21; 435/172.3, 320.1, 325, 354, 366, 369, 370 [IMAGE AVAILABLE]

56. 5,652,130, Jul. 2, 1997, Retroviral vectors expressing tumor necrosis factor (TNF); Michael Kriegler, et al., 435/172.3; 424/93.2, 93.21; 435/320.1, 366, 372 [IMAGE AVAILABLE]
57. 5,650,306, Jul. 22, 1997, Recombinant nucleic acids for inhibiting HIV gene expression; Gary J. Nabel, et al., 435/172.3, 320.1; 536/23.72, 24.1, 24.5 [IMAGE AVAILABLE]
58. 5,650,148, Jul. 22, 1997, Method of grafting genetically modified cells to treat defects, disease or damage of the central nervous system; Fred H. Gage, et al., 424/93.2, 93.21; 435/172.3, 948; 514/44; 935/62, 70 [IMAGE AVAILABLE]
59. 5,646,034, Jul. 8, 1997, Increasing rAAV titer; Michael Mamounas, et al., 435/325, 91.4, 172.3, 320.1 [IMAGE AVAILABLE]
60. 5,645,999, Jul. 8, 1997, Assays for compounds that modulate or alter cyclin E activity; James M. Roberts, et al., 435/7.4, 4, 7.1, 7.8, 15; 436/63 [IMAGE AVAILABLE]
61. 5,645,829, Jul. 8, 1997, Mesothelial cell gene therapy; Ty Robert Shockley, et al., 424/93.21, 572; 435/172.3, 366, 371; 514/44; 935/62, 70, 71 [IMAGE AVAILABLE]
62. 5,641,875, Jun. 24, 1997, DNA encoding chimeric IgG Fc receptor; Alan D. Schreiber, et al., 536/23.4; 435/69.7, 252.3, 320.1; 530/350 [IMAGE AVAILABLE]
63. 5,641,863, Jun. 24, 1997, Chimeric IgG Fc receptors; Alan D. Schreiber, et al., 530/350; 435/69.7; 536/23.7 [IMAGE AVAILABLE]
64. 5,641,748, Jun. 24, 1997, Caip-like gene family; Yen-Ming Hsu, 514/12; 435/7.8; 530/324, 350 [IMAGE AVAILABLE]
65. 5,629,283, May 13, 1997, Granulocyte-macrophage colony-stimulating factor receptor and derivatives thereof; Nicos A. Nicola, et al., 514/2; 435/69.1; 514/12; 530/350, 351, 395; 536/23.5 [IMAGE AVAILABLE]
66. 5,629,192, May 13, 1997, ETS1 gene: a human tumor suppressor gene; Hiroaki Suzuki, et al., 435/172.3; 514/44; 536/23.5; 935/62 [IMAGE AVAILABLE]
67. 5,629,159, May 13, 1997, Immortalization and disimmortalization of cells; David J. Anderson, 435/6, 69.1, 172.3, 194, 325, 357, 363, 366, 368, 372 [IMAGE AVAILABLE]
68. 5,624,830, Apr. 29, 1997, Cytosine deaminase negative selection system for gene transfer techniques and therapies; Craig A. Mullen, et al., 435/172.3, 69.1, 70.1, 227, 320.1 [IMAGE AVAILABLE]
69. 5,622,856, Apr. 22, 1997, High efficiency helper system for AAV vector production; Georges Natsoulis, 435/325, 69.1, 320.1, 348, 366, 367, 369; 536/23.72 [IMAGE AVAILABLE]
70. 5,616,487, Apr. 1, 1997, Stabilized retrovirus compositions; Bernhard O. Palsson, et al., 435/235.1, 172.3 [IMAGE AVAILABLE]
71. 5,614,187, Mar. 25, 1997, Specific tolerance in transplantation; David H. Sachs, 424/93.21, 93.3, 577; 435/172.3; 536/23.1, 23.5 [IMAGE AVAILABLE]
72. 5,610,053, Mar. 11, 1997, DNA sequence which acts as a chromatin insulator element to protect expressed genes from cis-acting regulatory sequences in mammalian cells; Jay H. Chung, et al., 435/172.3, 69.1,

70.1, 71.1, 243, 320.1, 325, 366, 372, 372.2, 372.3; 536/24.1 [IMAGE AVAILABLE]

73. 5,607,836, Mar. 4, 1997, Methods of detecting compounds which bind to the P.sub.2U receptor; Richard C. Boucher, et al., 435/7.2, 69.1, 254.11; 536/23.5 [IMAGE AVAILABLE]

74. 5,604,090, Feb. 18, 1997, Method for increasing transduction of cells by adeno-associated virus vectors; Ian E. Alexander, et al., 435/5; 424/93.2; 435/172.3 [IMAGE AVAILABLE]

75. 5,596,088, Jan. 21, 1997, DNA Encoding the human P.sub.2U receptor and null cells expressing P.sub.2U receptors; Richard C. Boucher, et al., 536/23.5; 435/69.1, 252.3, 254.11, 320.1 [IMAGE AVAILABLE]

76. 5,591,624, Jan. 7, 1997, Retroviral **packaging cell** lines; Jack R. Barber, et al., 435/366, 172.3, 320.1, 369 [IMAGE AVAILABLE]

77. 5,576,206, Nov. 19, 1996, Human papilloma virus genes and their use in gene therapy; Richard Schlegel, 435/371, 320.1 [IMAGE AVAILABLE]

78. 5,554,528, Sep. 10, 1996, Compositions and methods for inhibition of HIV production; Gail M. Harrison, et al., 435/372.3, 69.7, 172.3, 320.1, 948; 536/23.1; 935/27, 32, 57, 71 [IMAGE AVAILABLE]

79. 5,552,309, Sep. 3, 1996, Use of polyols for improving the introduction of genetic material into cells; Keith L. March, 435/172.3; 424/93.1, 93.2, 426; 435/235.1, 320.1; 514/44; 935/57 [IMAGE AVAILABLE]

80. 5,550,019, Aug. 27, 1996, Methods of identifying compounds which alter apoptosis; John C. Reed, 435/6, 7.21 [IMAGE AVAILABLE]

81. 5,538,722, Jul. 23, 1996, Isolation, growth, differentiation and genetic engineering of human muscle cells; Helen M. Blau, et al., 424/93.21; 435/69.4, 172.3 [IMAGE AVAILABLE]

82. 5,534,423, Jul. 9, 1996, Methods of increasing rates of infection by directing motion of vectors; Bernhard O. Palsson, et al., 435/172.1; 935/55 [IMAGE AVAILABLE]

83. 5,529,774, Jun. 25, 1996, In vivo transfer of the HSV-TK gene implanted retroviral producer cells; David Barba, et al., 424/93.21, 93.2, 93.6; 514/44 [IMAGE AVAILABLE]

84. 5,512,421, Apr. 30, 1996, Generation, concentration and efficient transfer of VSV-G pseudotyped retroviral vectors; Jane C. Burns, et al., 435/320.1; 424/93.2; 435/239; 935/32 [IMAGE AVAILABLE]

85. 5,498,537, Mar. 12, 1996, Serum-free production of packaged **viral vector**; Herbert S. Bresler, et al., 435/235.1 [IMAGE AVAILABLE]

86. 5,496,731, Mar. 5, 1996, Broad-spectrum tumor suppressor genes, gene products and methods for tumor suppressor gene therapy; Hong-Ji Xu, et al., 435/320.1; 514/44; 536/23.5 [IMAGE AVAILABLE]

87. 5,470,730, Nov. 28, 1995, Method for producing T.sub.H -independent cytotoxic T lymphocytes; Phillip D. Greenberg, et al., 435/172.3; 424/93.21; 435/69.1, 69.52, 70.4, 252.3, 320.1 [IMAGE AVAILABLE]

88. 5,460,942, Oct. 24, 1995, The catalytic moiety of the glucose-6-phosphatase system: the gene and protein and related mutations; Janice Y. Chou, et al., 435/6, 196, 252.3, 320.1, 810; 536/23.2, 24.3, 24.31 [IMAGE AVAILABLE]

89. 5,460,831, Oct. 24, 1995, Targeted transfection nanoparticles; Nir Kossovsky, et al., 424/3, 204.1, 490, 494, 498; 514/970 [IMAGE AVAILABLE]
90. 5,436,146, Jul. 25, 1995, Helper-free stocks of recombinant adeno-associated virus vectors; Thomas E. Shenk, et al., 435/172.3, 91.4, 235.1, 320.1, 367; 536/23.72 [IMAGE AVAILABLE]
91. 5,399,346, Mar. 21, 1995, Gene therapy; W. French Anderson, et al., 424/93.21; 435/69.5, 69.51, 69.52, 172.3; 935/22, 32, 34, 57, 62, 79 [IMAGE AVAILABLE]
92. 5,378,806, Jan. 3, 1995, Fusion protein produced by retrovirus-mediated secretion; John W. Willis, 530/350; 435/69.7; 530/412; 536/23.4 [IMAGE AVAILABLE]
93. 5,376,542, Dec. 27, 1994, Method for producing immortalized cell lines using human papilloma virus genes; Richard Schlegel, 435/172.2, 172.3; 935/62, 71, 93 [IMAGE AVAILABLE]
94. 5,358,866, Oct. 25, 1994, Cytosine deaminase negative selection system for gene transfer techniques and therapies; Craig A. Mullen, et al., 435/357, 69.1, 70.1, 227, 252.3, 320.1, 325; 536/22.1, 23.1, 23.2, 23.7, 23.74 [IMAGE AVAILABLE]
95. 5,354,674, Oct. 11, 1994, Method of gene transfer using retrotransposons; Clague P. Hodgson, 435/172.3, 69.1, 172.1, 172.2, 235.1, 320.1 [IMAGE AVAILABLE]
96. 5,328,470, Jul. 12, 1994, Treatment of diseases by site-specific instillation of cells or site-specific transformation of cells and kits therefor; Elizabeth G. Nabel, et al., 604/101, 96; 606/194 [IMAGE AVAILABLE]
97. 5,324,655, Jun. 28, 1994, Human Y-interferon signal peptide-tumor necrosis factor(TNF) gene fusions; Michael Kriegler, et al., 435/357, 69.1, 69.5, 69.7, 69.8, 172.1, 172.3, 320.1, 366; 536/23.1, 23.2, 23.4, 23.5, 23.52; 935/23, 24, 27, 32, 34, 44, 47, 48, 66, 70, 71 [IMAGE AVAILABLE]
98. 5,324,643, Jun. 28, 1994, Method of conferring resistance to retroviral infection; Wilson Greatbatch, et al., 435/91.32, 91.1, 91.3, 172.3, 372; 536/23.1; 935/3, 6, 34, 70 [IMAGE AVAILABLE]
99. 5,240,846, Aug. 31, 1993, Gene therapy vector for cystic fibrosis; Francis S. Collins, et al., 435/371, 6, 29, 69.1, 172.3 [IMAGE AVAILABLE]
100. 5,219,740, Jun. 15, 1993, Retroviral gene transfer into diploid fibroblasts for gene therapy; A. Dusty Miller, et al., 435/69.6; 424/93.2, 93.21; 435/172.3, 183, 193, 227, 320.1; 935/32, 57, 62, 70, 71 [IMAGE AVAILABLE]
101. 5,175,099, Dec. 29, 1992, Retrovirus-mediated secretion of recombinant products; John W. Wills, 435/69.7, 252.3, 320.1; 530/350; 536/23.72 [IMAGE AVAILABLE]
102. 5,082,670, Jan. 21, 1992, Method of grafting genetically modified cells to treat defects, disease or damage or the central nervous system; Fred H. Gage, et al., 424/520, 570; 435/172.3, 948; 514/44; 935/62, 70 [IMAGE AVAILABLE]
103. 4,866,042, Sep. 12, 1989, Method for the delivery of genetic material across the blood brain barrier; Edward A. Neuwelt, 424/93.2; 435/172.2; 514/44; 935/52, 53 [IMAGE AVAILABLE]

104. 4,861,719, Aug. 22, 1989, DNA constructs for retrovirus
packaging cell lines; [REDACTED] Dusty Miller, 435/236, 69.1, [REDACTED] 2,
172.3, 320.1, 357, 948; 536/23.1, 24.1, 24.2; 935/32, 34, 57, 70, 71
[IMAGE AVAILABLE]

ILIGHT set on as ''

HILIGHT set on as ''

? begin 5,6,55,154,155,156,312,399,biotech,biosci

Author(s): ANDREADIS ST; PALSSON BO
Corporate Source: UNIV CALIF SAN DIEGO, DEPT BIOENGN/LA LA//CA/92093;
UNIV-MICHIGAN, DEPT-CHEM ENGN/ANN ARBOR//MI/48109
Journal: JOURNAL OF THEORETICAL BIOLOGY, 1996, V182, N1 (SEP 7), P1-20
ISSN: 0022-5193
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 2/3/13 (Item 6 from file: 434)
DIALOG(R)File 434:Scisearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

14994766 Genuine Article#: VB536 No. References: 25
Title: RAPID RETROVIRUS TITRATION USING COMPETITIVE POLYMERASE
CHAIN-REACTION
Author(s): TAFURO S; ZENTILIN L; FALASCHI A; GIACCA M
Corporate Source: INT CTR GENET ENGN & BIOTECHNOL, PADRICIANO 99/I-34012
TRIESTE//ITALY//; INT CTR GENET ENGN & BIOTECHNOL/I-34012
TRIESTE//ITALY//; CHILDRENS HOSP BURLO GAROFOLO/TRIESTE//ITALY/
Journal: GENE THERAPY, 1996, V3, N8 (AUG), P679-684
ISSN: 0969-7128
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 2/3/14 (Item 7 from file: 434)
DIALOG(R)File 434:Scisearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

14933795 Genuine Article#: UX582 No. References: 33
Title: HOMOLOGOUS AND NONHOMOLOGOUS RETROVIRAL RECOMBINATIONS ARE BOTH
INVOLVED IN THE TRANSFER BY INFECTIOUS PARTICLES OF DEFECTIVE
AVIAN-LEUKOSIS VIRUS-DERIVED TRANSCOMPLEMENTING GENOMES
Author(s): GIROD A; DRYNDA A; COSSET FL; VERDIER G; RONFORT C
Corporate Source: UNIV LYON 1, CTR GENET MOL & CELLULAIRE, CNRS
UMR5534, INRA, UA 810, 43 BLVD 11 NOVEMBRE 1918/F-69622
VILLEURBANNE//FRANCE/
Journal: JOURNAL OF VIROLOGY, 1996, V70, N8 (AUG), P5651-5657
ISSN: 0022-538X
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 2/3/15 (Item 8 from file: 434)
DIALOG(R)File 434:Scisearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

13689482 Genuine Article#: QH335 No. References: 65
Title: RETROVIRUSES AS VECTORS
Author(s): VILE RG; RUSSELL SJ
Corporate Source: IMPERIAL CANC RES FUND, ST THOMAS HOSP, RAYNE INST, CANC
GENE THERAPY LAB/LONDON//ENGLAND//; MRC, CAMBRIDGE CTR PROT
ENGN/CAMBRIDGE//ENGLAND/
Journal: BRITISH MEDICAL BULLETIN, 1995, V51, N1 (JAN), P12-30
ISSN: 0007-1420
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 2/3/16 (Item 9 from file: 434)

THERAPEUT, CHUO KU/CHIBA 260//JAPAN//; CHIBA CANC CTR RES INST, DIV
CHEMOTHERAPY, CHUO KU/CHIBA 260//JAPAN//; CHIBA CANC CTR, RES INST, DIV
BIOCHEM, CHUO KU/CHIBA 260//JAPAN//

Journal: ANTICANCER RESEARCH, 1997, V17, N6D (NOV-DEC), P4415-4417

ISSN: 0250-7005 Publication date: 19971100

Publisher: INT INST ANTICANCER RESEARCH, EDITORIAL OFFICE 1ST KM

-more-

?

Display 2/3/9 (Item 2 from file: 434)

DIALOG(R)File 434:Scisearch(R) Cited Ref Sci

(c) 1998 Inst for Sci Info. All rts. reserv.

KAPANDNTIOU-KALAMOU RD KAPANDRITI, POB 22, ATHENS 19014, GREECE
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

- end of record -

?

Display 2/3/10 (Item 3 from file: 434)

DIALOG(R)File 434:Scisearch(R) Cited Ref Sci

(c) 1998 Inst for Sci Info. All rts. reserv.

15778105 Genuine Article#: XF551 No. References: 22

Title: Stable transfection of provirus of human immunodeficiency virus into
a murine packaging cell line

Author(s): Rozera C; Baccarini S; Gentile M; Torrisi MR; Proietti E;
Federico M; Pulciani S (REPRINT)

Corporate Source: IST SUPER SANITA, VIROL LAB, VIALE REGINA ELENA
299/I-00161 ROME//ITALY/ (REPRINT); IST SUPER SANITA, VIROL LAB/I-00161
ROME//ITALY//; UNIV ROMA LA SAPIENZA, IST VIROL/ROME//ITALY//; UNIV ROMA
LA SAPIENZA, DIPARTIMENTO MED SPERIMENTALE & PATOL/ROME//ITALY/

Journal: ACTA VIROLOGICA, 1997, V41, N2 (APR), P105-110

ISSN: 0001-723X Publication date: 19970400

Publisher: SLOVAK ACADEMIC PRESS LTD, PO BOX 57, NAM SLOBODY 6, 810 05
BRATISLAVA, SLOVAKIA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

- end of record -

?

Display 2/3/11 (Item 4 from file: 434)

DIALOG(R)File 434:Scisearch(R) Cited Ref Sci

(c) 1998 Inst for Sci Info. All rts. reserv.

15142702 Genuine Article#: VL678 No. References: 15

Title: A NOVEL PACKAGING SYSTEM FOR THE GENERATION OF HELPER-FREE ONCOLYTIC
MVM VECTOR STOCKS

Author(s): BRANDENBURGER A; RUSSELL S

Corporate Source: FREE UNIV BRUSSELS, IRIHBN, 808 RT LENNIK/B-1070
BRUSSELS//BELGIUM//; MRC CTR, CAMBRIDGE CTR PROT ENGN/CAMBRIDGE//ENGLAND/

Journal: GENE THERAPY, 1996, V3, N10 (OCT), P927-931

ISSN: 0969-7128

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 2/3/12 (Item 5 from file: 434)

DIALOG(R)File 434:Scisearch(R) Cited Ref Sci

(c) 1998 Inst for Sci Info. All rts. reserv.

15137372 Genuine Article#: VL688 No. References: 61

Title: KINETICS OF RETROVIRUS-MEDIATED GENE-TRANSFER - THE IMPORTANCE OF
INTRACELLULAR HALF-LIFE OF RETROVIRUSES

Sharma, S.; Murai, F.; Miyanohara, A.; Friedmann, T.
Dep. Pediatr., Cent. Mol. Genet., Univ. California San Diego, La
Jolla, CA 92093-0634, USA

PROC. NATL. ACAD. SCI. USA vol. 94, no. 20, pp. 10803-10808 (1997)

ISSN: 0027-8424

DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH

SUBFILE: Medical and Pharmaceutical Biotechnology Abstracts; Genetics
Abstracts

- end of record -

?

Display 2/3/7 (Item 4 from file: 76)
DIALOG(R)File 76:Life Sciences Collection
(c) 1998 Cambridge Sci Abs. All rts. reserv.

02093793 3991226

A new strategy for large-scale preparation of high-titer recombinant
adeno-associated virus vectors by using packaging cell lines and
sulfonated cellulose column chromatography

Tamayose, K.; Hirai, Y.; Shimada, T.

Dep. Biochem. and Mol. Biol., Nippon Med. Sch., 1-1-5 Sendagi, Bunkyo-ku,
Tokyo 113, Japan

HUM. GENE THER. vol. 7, no. 4, pp. 507-513 (1996)

ISSN: 1043-0342

DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH

SUBFILE: Medical and Pharmaceutical Biotechnology Abstracts; Genetics
Abstracts

- end of record -

?

Display 2/3/8 (Item 1 from file: 434)
DIALOG(R)File 434:Scisearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

16437004 Genuine Article#: ZB334 No. References: 76

Title: Therapeutic delivery issues in gene therapy, part 1: Vectors

Author(s): Parasrampur DA

Corporate Source: UNIV CALIF SAN FRANCISCO,DEPT PHARMACEUT CHEM/SAN
FRANCISCO//CA/94143; UNIV CALIF SAN FRANCISCO,DEPT BIOPHARMACEUT
SCI/SAN FRANCISCO//CA/94143

Journal: BIOPHARM-THE TECHNOLOGY & BUSINESS OF BIOPHARMACEUTICALS, 1998, V
11, N3 (MAR), P38-&

ISSN: 1040-8304 Publication date: 19980300

Publisher: ADVANSTAR COMMUNICATIONS, 131 W FIRST ST, DULUTH, MN 55802

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

- end of record -

?

Display 2/3/9 (Item 2 from file: 434)
DIALOG(R)File 434:Scisearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

16403410 Genuine Article#: YY890 No. References: 8

Title: Discordant production of released exogenous protein and infectious
virions from retrovirus-packaging cells used for gene transduction

Author(s): Tasaki K; Yoshida Y; Tagawa M (REPRINT) ; Takenaga K; Asano T;
Ochiai T; Isono K; Kouzu T; Saisho H; Sakiyama S

Corporate Source: CHIBA CANC CTR,RES INST, DIV PATHOL, CHUO KU, 666-2
NITONA/CHIBA 260//JAPAN/ (REPRINT); CHIBA CANC CTR,RES INST, DIV
PATHOL, CHUO KU/CHIBA 260//JAPAN/; CHIBA UNIV,SCH MED, DEPT SURG 2,
CHUO KU/CHIBA 260//JAPAN/; CHIBA UNIV,SCH MED, DEPT MED 1, CHUO
KU/CHIBA 260//JAPAN/; CHIBA UNIV,SCH MED, DEPT ENDOSCOP DIAGNOST &

?

Display 2/3/3 (Item 3 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 1998 Elsevier Science B.V. All rts. reserv.

00456766 96150706
A novel packaging system for the generation of helper-free oncolytic MVM
vector stocks
Brandenburger A.; Russell S.
ADDRESS: A. Brandenburger, Universite Libre de Bruxelles, IRIBHN, 808 route
de Lennik, B-1070 Brussels, Belgium
Journal: Gene Therapy, 3/10 (927-931), 1996, United Kingdom
CODEN: GETHE
ISSN: 0969-7128
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

- end of record -

?

Display 2/3/4 (Item 1 from file: 76)
DIALOG(R)File 76:Life Sciences Collection
(c) 1998 Cambridge Sci Abs. All rts. reserv.

02223040 4252583
Semliki Forest virus-mediated production of retroviral vector RNA in
retroviral packaging cells
Wahlfors, J.J.; Xanthopoulos, K.G.; Morgan, R.A.
Clinical Gene Therapy Branch, National Human Genome Research Institute,
National Institutes of Health, Building 10, Room 10C103, Bethesda, MD
20892-1851, USA
HUM. GENE THER. vol. 8, no. 17, pp. 2031-2041 (1997)
ISSN: 1043-0342
DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH
SUBFILE: Medical and Pharmaceutical Biotechnology Abstracts

- end of record -

?

Display 2/3/5 (Item 2 from file: 76)
DIALOG(R)File 76:Life Sciences Collection
(c) 1998 Cambridge Sci Abs. All rts. reserv.

02201783 4218561
In vitro packaging of an infectious recombinant adeno-associated virus 2
Ding, L.; Lu, S.; Munshi, N.C.
University of Arkansas for Medical Sciences, 4301 W Markham, Slot 508,
Little Rock, Arkansas 72205, USA
GENE THER. vol. 4, no. 11, pp. 1167-1172 (1997)
ISSN: 0969-7128
DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH
SUBFILE: Medical and Pharmaceutical Biotechnology Abstracts

- end of record -

?

Display 2/3/6 (Item 3 from file: 76)
DIALOG(R)File 76:Life Sciences Collection
(c) 1998 Cambridge Sci Abs. All rts. reserv.

02197812 4214468
Noninfectious virus-like particles produced by Moloney murine leukemia
virus-based retrovirus packaging cells deficient in viral envelope become
infectious in the presence of lipofection reagents

Set Items Description

--- -----
? s packaging cell/

>>>Possible typing error near end of line
? s packaging cell?

S1 102 PACKAGING CELL?
? s s1 and integr?

Processed 20 of 57 files ...

Processing

Completed processing all files

102 S1
1815244 INTEGR?
S2 16 S1 AND INTEGR?
? d s2/3/1-16

Display 2/3/1 (Item 1 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 1998 Elsevier Science B.V. All rts. reserv.

00802733 1998038768
Discordant production of released exogenous protein and infectious virions
from retrovirus-packaging cells used for gene transduction
Tasaki K.; Yoshida Y.; Tagawa M.; Takenaga K.; Asano T.; Ochiai T.; Isono
K.; Kouzu T.; Saisho H.; Sakiyama S.
ADDRESS: Dr. M. Tagawa, Division of Pathology, Chiba Cancer Center Research
Inst., 666-2 Nitona, Chuo-ku, Chiba 260, Japan
EMAIL: mtagawa@biolab.kazusa.or.jp
Journal: Anticancer Research, 17/6 D (4415-4417), 1997, Greece
CODEN: ANTRD
ISSN: 0250-7005
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 8

- end of record -

?

Display 2/3/2 (Item 2 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 1998 Elsevier Science B.V. All rts. reserv.

00735967 97240337
Stable transfection of provirus of human immunodeficiency virus into a
murine packaging cell line
Rozera C.; Baccarini S.; Gentile M.; Torrisi M.R.; Proietti E.; Federico M.
; Pulciani S.
ADDRESS: S. Pulciani, Istituto Superiore di Sanita, Laboratorio di
Virologia, Viale Regina 299, 00161 Roma, Italy
Journal: Acta Virologica, 41/2 (105-110), 1997, Slovakia
CODEN: AVIRA
ISSN: 0001-723X
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 22

- end of record -

13514977 Genuine Article#: PU942 No. References: 46
Title: SYSTEMIC GENE-THERAPY OF MURINE MELANOMA USING TISSUE-SPECIFIC
EXPRESSION OF THE HSVTK GENE INVOLVES AN IMMUNE COMPONENT
Author(s): VILE RG; NELSON JA; CASTLEDEN S; CHONG H; HART IR
Corporate Source: IMPERIAL CANC RES FUND,44 LINCOLNS INN FIELDS/LONDON SE1
7EH//ENGLAND//; ST THOMAS HOSP,RICHARD DIMBLEBY LAB/LONDON SE1
7EH//ENGLAND//; UNIV TEXAS,MD ANDERSON CANC CTR,DEPT EXPTL
PEDIAT/HOUSTON//TX/77030
Journal: CANCER RESEARCH, 1994, V54, N23 (DEC 1), P6228-6234
ISSN: 0008-5472
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of display -

?

>>>Page beyond end of display invalid